

## CLAIMS

- Sub  
AN 5
1. A pad for improving a geosynthetically reinforced segmental retaining wall system, the pad comprising:  
a resilient material for being disposed between block layers in a segmental retaining wall, the pad for transferring tensile load from a geosynthetic soil reinforcing material to the segmental retaining wall block face.
2. The pad of claim 1, wherein the resilient material is shaped to substantially match the shape of the horizontal surface of the blocks.
3. The pad of claim 1, wherein the resilient material comprises one or more of the following:  
polyvinyl chloride (PVC);  
a needlepunched nonwoven geotextile; or  
a polymeric foam applied to a scrim.
4. A pad for reinforcing a segmental retaining wall, the pad comprising:  
a resilient material that has a thickness sufficient to substantially fill voids and uneven surfaces between adjacent horizontal surfaces of retaining blocks.
5. A block pad that is composed of a planar material comprising:  
a polymeric material either membrane-like, or constructed as in a nonwoven needlepunched product, or scrim with foam covering.

6. A pad for insertion into the space between courses of segmental block wall to fit the block shape and that provides a frictional connection between a soil reinforcing geosynthetic and the wall.

7. A pad that provides an interlayer of dissimilar material to the concrete block that reduces cracking of the blocks once installed because of its thickness and compressibility.

8. ~~A product that improves the system efficiency of the block/geosynthetic combination, causing less soil reinforcement to be needed, or lower strength soil reinforcement to be used.~~

Year	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067	2068	2069	2070	2071	2072	2073	2074	2075	2076	2077	2078	2079	2080	2081	2082	2083	2084	2085	2086	2087	2088	2089	2090	2091	2092	2093	2094	2095	2096	2097	2098	2099	2100
1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067	2068	2069	2070	2071	2072	2073	2074	2075	2076	2077	2078	2079	2080	2081	2082	2083	2084	2085	2086	2087	2088	2089	2090	2091	2092	2093	2094	2095	2096	2097	2098	2099	2100	